

20050105.ba v03_n752.bam.20050105

>From ???@??? Wed Jan 5 12:11:55 2005 -0600
Date: Wed, 5 Jan 2005 12:09:43 CST
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3752
Message-Id: <20050105130742.D00CA3FE52@srvr1.theporch.com>

BOATANCHORS Digest 3752

Topics covered in this issue include:

- 1) RE: Jewel lights found/ another EF Johnson Christmas
by "Rodger Singley" <rbsingl@ilstu.edu>
- 2) Re: Large Soldering Irons
by WA5CAB@cs.com
- 3) Carbon comp resistors again
by "Richard Humphrey" <n6nae@ix.netcom.com>
- 4) Re: Carbon comp resistors again
by WA5CAB@cs.com
- 5) Fw: ID Signal Corps Control Unit RM-25-A-- A/M Ref. No. 110L/33
by =?iso-8859-1?Q?Andr=E9_Guibert?= <aguibert@sympatico.ca>
- 6) Re: well, well Weller
by "Arden Allen" <gumbear@pacbell.net>
- 7) Re: Help with Weller Soldering Gun Problem
by "Arden Allen" <gumbear@pacbell.net>
- 8) Re: Fw: ID Signal Corps Control Unit RM-25-A-- A/M Ref. No. 110L/33
by WA5CAB@cs.com
- 9) Re: RCA Transceiver SSB1 Mk4
by Luc Dugas <collins2@globetrotter.net>
- 10) Re: ID Signal Corps Control Unit RM-25-A-- A/M Ref. No. 110L/33
by "Hue Miller" <kargo_cult@msn.com>
- 11) Re: Carbon comp resistors again
by wb3fau@att.net
- 12) Re: Wellers, and different kinds of Wens
by Scott Robinson <spr@earthlink.net>
- 13) How About De-Soldering?
by David Stinson <arc5@ix.netcom.com>
- 14) Re: How About De-Soldering?
by "b. smith" <smithab11@comcast.net>
- 15) Re: How About De-Soldering?
by Mike Hanz <AAF-Radio-1@cox.net>
- 16) Re: How About De-Soldering?
by Garey Barrell <k4oah@mindspring.com>
- 17) Re: How About De-Soldering?
by John Shriver <jshriver@internap.com>
- 18) Tube info needed

by <pmills7@houston.rr.com>
19) Re: well, well Weller
by Richard Loken <richardlo@admin.athabascau.ca>

From: "Rodger Singley" <rbsingl@ilstu.edu>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: Jewel lights found/ another EF Johnson Christmas
Date: Tue, 4 Jan 2005 15:29:04 -0600
Message-ID: <000001c4f2a4\$6af00650\$ba01640a@D1JXNQ31>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hi Scott (and list),

I am currently reassembling the amp and finding the few pieces I need to finish the Desk KW. Yesterday I received the 9 pin plug (from Leeds electronics) to fit the Ranger I, some replacement power resistors (updating to the later revision schematic for the screen and bias regulators) and a pair of solid state relays from Mouser, and a replacement overload (latching) relay found on E-bay so now it is just a matter of putting everything back together! I am replacing the HV control relay with the solid state units (which turn on at the 0 voltage crossing point) and inrush surge suppressors to reduce the stress on the transformer. I built a homebrew triple 4CX800 amp a couple of years ago and really like the way these solid state relays perform (of course I am still planning to use a standard big antenna relay for the obligatory clunk on transmit!) The unit was partially disassembled when I got it and the control panels for RF deck and power supply were newly silk screened and removed from their respective mounts. I have the RF deck reassembled (over 100 6-32 screws total in the shielding) and the power supply/modulator section about 90 percent complete. I also got a Ranger I with the desk, also with a newly silk screened panel. The Ranger came with a "replacement" power transformer in place but also came with a proper stock transformer so the Ranger is currently in many pieces as I am bringing it back to near stock (except for an added PTT circuit).

I don't have a linoleum desk top though I may have a lead on a replacement top from the university storage/recycling unit (one of the few times I am happy about the university's financial need to hold onto old furniture!). The only part of reassembly that I am still pondering is the "roller/slides" for the amp/power supply frame to ride on. I have photos of another Desk KW showing this part but the rollers are on rails which screw into the bottom of the pedestal. My pedestal has no holes drilled in the bottom so I am not sure how it was originally configured.

The pedestal and desk were also refinished and this will be a very sharp looking unit when it is complete. I have the HRO-50 ready to go with the setup and hope to be operational by mid February.

73, Rodger WQ9E

From: WA5CAB@cs.com
Message-ID: <144.3c70f8ba.2f0c6eff@cs.com>
Date: Tue, 4 Jan 2005 17:13:19 EST
Subject: Re: Large Soldering Irons
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="part1_144.3c70f8ba.2f0c6eff_boundary"

--part1_144.3c70f8ba.2f0c6eff_boundary
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hank,

I'm not going to stir the iron versus gun pot any more than I already have. But on desoldering equipment, unless you think you would prefer the all-in-one-unit gun type (which they don't make), you might also consider Pace. I was at first also looking for a Hakko but discovered that the earlier (than what they currently offer) Pace PPS-5 (vane pump) and PPS-51 (diaphragm pump) units are duals with analog controls.

They use a commercially available Leviton controller (two of them) and the one station can run two irons (in my case one soldering and one de-soldering) so the additional work bench real estate isn't as great as it would have been with the Hakko. The Pace replaces the soldering station that I was using.

The Pace units are sorta generic in that the front panel AC output is a pair of standard 3-pole 120 VAC sockets. So if you don't like the iron that comes with it, you can use something else.

In a message dated 1/4/2005 2:59:29 PM Central Standard Time, hankarn@pacbell.net writes:

> Well i have a dual heat Weller GUN since early 53, still intact,
> replaced bunch of tips and tightened the nuts many times. Have American
> Beauty 350W with original box from my DAD who used it from 44.
> plus Ungars, and stations. right tool for the job.
> Missing a good desoldering Hakko.

73

Robert Downs - Houston

<<http://www.wa5cab.com>> (Web Store)

<wa5cab@cs.com> (Primary email)

<wa5cab@houston.rr.com> (Backup email)

--part1_144.3c70f8ba.2f0c6eff_boundary

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

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* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
*      (such as an attached file, a v-card, HTML formatting) *
*      Mail Lists at theporch.com only accept PLAIN TEXT      *
*      If your postings display this message your mail program *
*      is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
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--part1_144.3c70f8ba.2f0c6eff_boundary--

Message-ID: <412005124235346210@ix.netcom.com>

From: "Richard Humphrey" <n6nae@ix.netcom.com>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Carbon comp resistors again

Date: Tue, 4 Jan 2005 15:53:46 -0800

MIME-Version: 1.0

Content-Type: multipart/alternative;

boundary="-----_NextPart_84815C5ABAF209EF376268C8"

-----=_NextPart_84815C5ABAF209EF376268C8

Content-type: text/plain; charset=US-ASCII

Just saw this in EDN magazine. Stackpole still makes 1/4 and 1/2 watt molded carbon comp resistors and they are adding the 1 watt size. They look just like the oldies. Stackpole is making them because they have a 500 volt continuous rating and will take a 1KV surge. Power pulse and voltage surge is something which more modern resistors have a hard time dealing with. Stackpole: 1-919-850-9500, www.seielect.com . I don't work for them and have no connection. Heck in this economy I'm not working at all!

Richard

-----=_NextPart_84815C5ABAF209EF376268C8
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
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* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *

-----=_NextPart_84815C5ABAF209EF376268C8--

From: WA5CAB@cs.com
Message-ID: <1d7.33983653.2f0cba27@cs.com>
Date: Tue, 4 Jan 2005 22:33:59 EST
Subject: Re: Carbon comp resistors again
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="part1_1d7.33983653.2f0cba27_boundary"

--part1_1d7.33983653.2f0cba27_boundary
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Richard,

That's great news (about the resistors, not your job situation - I'm not employed either). If I don't get picked for a jury tomorrow, I'll order stock Thursday.

In a message dated 1/4/2005 7:34:33 PM Central Standard Time,
n6nae@ix.netcom.com writes:

> Just saw this in EDN magazine. Stackpole still
> makes 1/4 and 1/2 watt molded carbon comp resistors and they are adding the
> 1
> watt size. They look just like the oldies. Stackpole is making them
> because they have a 500 volt continuous rating and will take a 1KV surge.
> Power pulse and voltage surge is something which more modern resistors
> have a hard time dealing with. Stackpole: 1-919-850-9500, www.seielect.com
> . I don't work
> for them and have no connection. Heck in this economy I'm not working at

Robert Downs - Houston

<http://www.wa5cab.com> (Web Store)
<wa5cab@cs.com> (Primary email)
<wa5cab@houston.rr.com> (Backup email)

--part1_1d7.33983653.2f0cba27_boundary
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

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--part1_1d7.33983653.2f0cba27_boundary--

Message-ID: <001c01c4f2d6\$def8ffc0\$a482d1d8@oemcomputer>
From: =?iso-8859-1?Q?Andr=E9_Guibert?= <aguibert@sympatico.ca>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Fw: ID Signal Corps Control Unit RM-25-A-- A/M Ref. No. 110L/33
Date: Tue, 4 Jan 2005 22:29:31 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> A friend of mine picked up what seemed to be a master control
> box with the above nameplate data.
> It has status control of three transmitters and receivers plus a DF unit.
> Intercomm./Call PB's and a Volume Control.
> It has a "Controller Allocation" switch and "Cabin Allocation" sw
> (Not selector switches), the last one is a mystery to me.
> Seems to be rack mounted
> One queer feature is in the lower left of the panel, there seems to be
> a large jack for the RAF large plug for headset/mic. with the data: Gas
Mask
> Set written above
> plus on its right side two normal jacks for mic. and headphones with the
> same
> data written above.
> Photos are available upon request.
> Thanking you in advance

>
> Andre Collector of WW2 Communication Equipment as used by the
> Canadian Armed Forces
>

Message-ID: <004301c4f2df\$84b352f0\$cee47443@KB6NAX>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: well, well Weller
Date: Tue, 4 Jan 2005 20:27:25 -0800
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>That should be enough to start another arg -er, discussion

Here goes: The Weller beats the Wen on all counts. You can't overheat the tip and destroy the iron plating because the Weller tip is just plain copper. The Wen tip is an alloy which has more resistance than copper because the Wen has a higher voltage system. The Weller uses a single turn all copper secondary. Potentially more efficiency problems (like loose nuts) but copper is king when conducting heat. I ruined a friend's Wen by getting the tip too hot about the same time you were arg... fighting over Weller/Wen issues. The large blob of copper at the Weller tip feeds a lot more calories of heat to the job than the bent metal tip of the Wen. Now you know why Wens are forgettable. Weller's are built cheaper than Wens but results is what counts.

Arden Allen
KB6NAX

Message-ID: <004201c4f2df\$82cf0290\$cee47443@KB6NAX>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Help with Weller Soldering Gun Problem
Date: Tue, 4 Jan 2005 20:17:54 -0800
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> I don't understand why you would need a 325 watt iron or gun to work on
tube
> socket wiring. I normally use a 25 watt iron.

I don't think you understood what I was saying, Bob. I ONLY use the big gun on chassis metal, not on point to point wiring, etc. Some twist-lock can installations are done on a steel chassis that is punched with the hole pattern for twist-locks (Fisher flashes to mind). The usual metal or phenolic saddle adapter is not used. In such a case I will use the big gun to unsolder and solder the twist tabs to get the 'lytic out of the chassis so I can rebuild the can and then solder the twist tabs to the chassis again when I reinstall the can.

The Weller tip is of such a configuration you can solder almost vertically to the chassis which is great if there is wiring and components crowded around. You need a screwdriver blade tip on an American Beauty to get in vertically but the wattage just ain't down at the tip in my experience. When driving a tip against chassis metal the pistol grip gun is easier to handle also.

For wiring I use one of three Weller WTCP soldering stations (which I salvaged from flea market junkers) with 40 watt irons and a variety of tips for any kind of work from surface mount to olde timey radio huge lug components.

On the other hand the Weller guns are a pain in the xxx to do wiring terminal work. Too big and clumsy.

Arden Allen
KB6NAX

From: WA5CAB@cs.com
Message-ID: <66.4dddf437.2f0ccd18@cs.com>
Date: Tue, 4 Jan 2005 23:54:48 EST
Subject: Re: Fw: ID Signal Corps Control Unit RM-25-A-- A/M Ref. No. 110L/33
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="part1_66.4dddf437.2f0ccd18_boundary"

--part1_66.4dddf437.2f0ccd18_boundary
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Andre,

Part of several Fighter Director and DF Sets including RC-256,257, SCR-562,573,642, etc., all of which utilized the BC-640, 639 and 638 in various combinations. Never popular with hams, thanks in part to the bad rap given in the Surplus Conversion Handbooks. For an overview see "Signal Section Air Service Command VHF Fighter Control Equipment Handbook" dated 5 October 1943. For

details see the pertinent set and individual equipment T.O's or Instruction Books. Instruction Book that I have on the RM-25-A is dated 1 January 1943. These sets were the ground side to the much better known and somewhat more popular SCR-542 (14V) and SCR-522 (28V) sets. So far as I know, USAF never built anything to replace them, and they soldered on into the 1960's when the last were surplused out.

In a message dated 1/4/2005 10:15:49 PM Central Standard Time, aguibert@sympatico.ca writes:

> >A friend of mine picked up what seemed to be a master control
> >box with the above nameplate data.
> >It has status control of three transmitters and receivers plus a DF unit.
> >Intercomm./Call PB's and a Volume Control.
> >It has a "Controller Allocation" switch and "Cabin Allocation" sw
> >(Not selector switches), the last one is a mystery to me.
> >Seems to be rack mounted
> >One queer feature is in the lower left of the panel, there seems to be
> >a large jack for the RAF large plug for headset/mic. with the data: Gas
> Mask
> >Set written above
> >plus on its right side two normal jacks for mic. and headphones with the
> >same
> >data written above.
> >Photos are available upon request.

Robert & Susan Downs - Houston
<<http://www.wa5cab.com>> (Web Store)
<wa5cab@cs.com> (Primary email)
<wa5cab@houston.rr.com> (Backup email)

--part1_66.4dddf437.2f0ccd18_boundary
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

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--part1_66.4dddf437.2f0ccd18_boundary--

Date: Tue, 04 Jan 2005 23:55:20 -0500
From: Luc Dugas <collins2@globetrotter.net>

Subject: Re: RCA Transceiver SSB1 Mk4
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <008501c4f2e2\$c269a290\$b6c886cf@vivant>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

i have 3 ssb-1 transceivers. one of them has a rca mechanical filter. i doubt it was made by rca. probably a repackaged collins mechanical filter. any comment. luc

----- Original Message -----

From: "Brian Goldsmith" <brian.goldsmith@echo1.com.au>
To: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Monday, January 03, 2005 9:42 PM
Subject: RCA Transceiver SSB1 Mk4

>
>
>
> Greetings to all.
>
> A friend of mine asked me the following question. Is any one able to assist
> with information?
>
> Many thanks, Brian Goldsmith.
>
>
>
>
> I received a request from a member recently for information on a RCA SSB-1
> Mk4 Transceiver.
> It appears to be a commercial unit fitted with miniature valves except for
> the rectifier and three 6146's in the output.
> His main query is that it has three octal sockets on the chassis marked
> E201, 202 and 203. What plugs into them?
> He would also like to get hold of the circuit.
>
> Have you or any of your contacts ever come across one of these units?
>
>

Message-ID: <BAY5-DAV9708B0BBDF4FD461874BEE4920@phx.gbl>
From: "Hue Miller" <kargo_cult@msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: ID Signal Corps Control Unit RM-25-A-- A/M Ref. No. 110L/33

Date: Tue, 4 Jan 2005 21:06:04 -0800
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Andre', do you know what RCAF planes carried the ATR-11?

How about the TA-12 / RA-2 , was that only CANSO PBY's or other
planes also?

There was another ATR besides the ATR-11 too, was there not?

Is there any list of Canadian military equipment you have seen?
Thanks- Hue Miller

From: wb3fau@att.net
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "Richard Humphrey" <n6nae@ix.netcom.com>
Subject: Re: Carbon comp resistors again
Date: Wed, 05 Jan 2005 06:13:31 +0000
Message-Id:
<010520050613.3104.41DB858B000B4B1500000C2021603831169A0E00CC0D99@att.net>

Nice to see an old company, stay in business.

Mime-Version: 1.0
Message-Id: <p06020402be0157d2b186@[192.168.1.2]>
Date: Wed, 5 Jan 2005 00:43:27 -0800
To: Old Tube Radios <boatanchors@theporch.com>
From: Scott Robinson <spr@earthlink.net>
Subject: Re: Wellers, and different kinds of Wens
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

Arden,

There are Wens and then there are Wens. The only one I like is my Wen
250, which uses a single turn secondary but a better shaped tip than
the Wellers do. My original one (new in 1956...) was a victim of
gravity early in its life when my friend's collie dog switched his
tail and caught the loop of cord, dragging the gun off the bench. It
still works, except for the light.

The Wens have the same tip mounting contact resistance issues that
the Wellers do. I find it necessary to re-tighten the tip mounting
occasionally. I just like the big Wen, which is quite different from

the little ones, better. I have never overheated a tip on that one and doubt that you could.

Peace,

Scott

> >That should be enough to start another arg -er, discussion
>
>Here goes: The Weller beats the Wen on all counts. You can't overheat the
>tip and destroy the iron plating because the Weller tip is just plain
>copper. The Wen tip is an alloy which has more resistance than copper because
>the Wen has a higher voltage system. The Weller uses a single turn all
>copper secondary. Potentially more efficiency problems (like loose nuts)
>but copper is king when conducting heat. I ruined a friend's Wen by getting
>the tip too hot about the same time you were arg... fighting over
>Weller/Wen issues. The large blob of copper at the Weller tip feeds a lot
>more calories of heat to the job than the bent metal tip of the Wen. Now
>you know why Wen's are forgettable. Weller's are built cheaper than Wens
>but results is what counts.
>
>Arden Allen
>KB6NAX

Message-ID: <41DBE73F.7040300@ix.netcom.com>
Date: Wed, 05 Jan 2005 07:10:23 -0600
From: David Stinson <arc5@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: How About De-Soldering?
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

What are your techniques for removing solder?
Anyone besides me noticed that Solder-Wick ain't
as "wicky" as it used to be? I have to keep
non-acid flux paste handy and dredge the wick
through it before application to get the stuff
to wick the solder.

"nuther thing- I'm not a fan of "solder suckers;"
I don't like the idea of all that atomized lead
getting all over my work environment. I've lost
enough brain cells over the years already, thanks.

What do you do?

Message-ID: <000f01c4f330\$e9932190\$94f02144@Denroom>
From: "b. smith" <smithab11@comcast.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: How About De-Soldering?
Date: Wed, 5 Jan 2005 09:14:43 -0500
MIME-Version: 1.0
Content-Type: text/plain;
 format=flowed;
 charset="iso-8859-1";
 reply-type=response
Content-Transfer-Encoding: 7bit

Here in the "Technical Black Hole of the East Coast" for de-soldering the weapon of choice is a Weller DS desoldering tip with an external Solder Collection Chamber which on my model is a 2 inch replaceable glass tube. The actual tip uses a .024 or .031 opening and is easily replaceable and the glass chamber is easily removed and cleaned. . The assembly may be used on most of the Weller series but I prefer the 80 watt iron series.

The device can be used in a horizontal plane, vertical, it doesn't matter. I plug this beauty into a vacuum pump using a 8 foot length of Teflon tubing and hide the monster pump under the bench on a shelf. The pump weighs about 20 pounds and is operated by a foot switch. The pump was purchased at a Hamfest of course. This may seem like an over kill system but will save prevent a lot of self inflicted damage to equipment boards and wiring.

We occasionally use a "Soldapult" sucker with Teflon tip which is a device that you "cock" (spring loaded" and is a one time device before you have to "cock" it again.

breck k4che

Message-ID: <41DBF6FC.7060902@cox.net>
Date: Wed, 05 Jan 2005 09:17:32 -0500
From: Mike Hanz <AAF-Radio-1@cox.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: How About De-Soldering?
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

David Stinson wrote:

> What are your techniques for removing solder?

> Anyone besides me noticed that Solder-Wick ain't
> as "wicky" as it used to be? I have to keep
> non-acid flux paste handy and dredge the wick
> through it before application to get the stuff
> to wick the solder.
>
> "nuther thing- I'm not a fan of "solder suckers;"
> I don't like the idea of all that atomized lead
> getting all over my work environment. I've lost
> enough brain cells over the years already, thanks.
>
> What do you do?

I like the Pace I picked up for \$25 at the Gaithersburg hamfest a few
years ago - picture at
http://members.cox.net/aaf-radio-4/Pace_soldering_station.jpg . Not
pretty, but it works like a champ for both soldering and sucking.

It has a diaphragm vacuum pump with a pre-filter on it - front panel air
ingress and egress so I guess you could always post-filter it if you
were worried about the gases. It's too late for me... :-)

73,
Mike

Message-ID: <41DC01EA.8050403@mindspring.com>
Date: Wed, 05 Jan 2005 10:04:10 -0500
From: Garey Barrell <k4oah@mindspring.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: How About De-Soldering?
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

David -

Hakko 808.

Sucks the solder off "completely" and traps it in an internal filter.
They're not cheap (\$160 from Fry's) but nothing I've used in 50 years
has done as good a job.

We "invented" solder wick 45 years ago at NASA. Used to strip the braid
from RG-174 coax and dip it in liquid flux. Probably almost as
expensive as Soder-Wik is today!

73, Garey - K40AH
Atlanta

David Stinson wrote:

> What are your techniques for removing solder?
> Anyone besides me noticed that Solder-Wick ain't
> as "wicky" as it used to be? I have to keep
> non-acid flux paste handy and dredge the wick
> through it before application to get the stuff
> to wick the solder.
>
> "nuther thing- I'm not a fan of "solder suckers;"
> I don't like the idea of all that atomized lead
> getting all over my work environment. I've lost
> enough brain cells over the years already, thanks.
>
> What do you do?
>
>

Message-ID: <41DC0C19.3080500@internap.com>
Date: Wed, 05 Jan 2005 10:47:37 -0500
From: John Shriver <jshriver@internap.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: How About De-Soldering?
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

David Stinson wrote:

> Anyone besides me noticed that Solder-Wick ain't as "wicky" as it used
> to be?

Brands vary. Some are much more frosty with flux than others. (The
reels are at home, so I can't name brands.)

But in my latest repairs, I just wiggled the lead of the component to be
pulled while the solder was hot, and it cooled all cold and loose. Then
I could just cut off the loop with good dikes, and pull the lead.

Message-ID: <000301c4f34e\$2a4d6390\$6601a8c0@W5BVB>
From: <pmills7@houston.rr.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Tube info needed

Date: Wed, 5 Jan 2005 11:44:10 -0600

MIME-Version: 1.0

Content-Type: text/plain;
format=flowed;
charset="iso-8859-1";
reply-type=original

Content-Transfer-Encoding: 7bit

Hello,

I need specs or info on a United 5562. This is a 4-pin tube with plate pin on top that appears to be about a 30 watt plate dissipation transmitting tube. It is used as the final in a Temco 75GA transmitter that I have. The socket it plugs into is labelled TB-35 so this might be a sub if anyone has info on it. Also, if anyone has info or a manual on the Temco 75GA, I would certainly appreciate hearing from them.

thanks,
Phil
W5BVB

Date: Wed, 05 Jan 2005 11:09:08 -0700 (MST)

From: Richard Loken <richardlo@admin.athabascau.ca>

Subject: Re: well, well Weller

To: Old Tube Radios <boatanchors@theporch.com>

Cc: Old Tube Radios <boatanchors@theporch.com>

Message-id: <Pine.PMDF.3.95.1050105103232.541226219A-1000000@admin.athabascau.ca>

MIME-version: 1.0

Content-type: TEXT/PLAIN; charset=US-ASCII

Well Well Wen.

I saved up for many months and bought a 100W Wen for \$10.00 in 1964 when I was 12 years old. I really like that soldering gun but the truth is that I bought a Weller WTCP (I think it is) in the mid 70's and I never use the Wen anymore.

What is wrong with the Wen? If you drop it the case shatters and it does not shovel out the heat needed for chassis work just like Arden said.

I much prefer the Wen over the Weller for day to day soldering of components etc. It is a much better tip and the tip is much robust then that piece of

bent wire that Weller uses but the Weller temperature controlled soldering station sends them both to the scrap heap.

Now that I have shattered the case on my dear old Wen. AGAIN!!!!!!!!!!!!!! I think I will hunt up a genuine high wattage Weller gun for chassis work.

Meawhile, talking about heat. If you insist on getting a traditional soldering iron that gets hot then go find one of the irons that stained glass window artists use, those things get darned hot!

--

Richard Loken VE6BSV, Systems Programmer - VMS	:	"Anybody can be a father
Athabasca University	:	but you have to earn
Athabasca, Alberta Canada	:	the title of 'daddy'"
** richardlo@admin.athabascau.ca **	:	- Lynn Johnston

End of BOATANCHORS Digest 3752
